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## PANASONIC SHOWS SMALL BUSINESS COMPUTER

SECAUCUS, N.J. -- A desk top computer which features a unique one-touch keyboard and double-sided, double density floppy disk drives was displayed by Panasonic at the NCC Office Automation Conference. The unit, model BC-5000, can be utilized as a small business computer or intelligent terminal for distributed data processing.

The unique one-touch keyboard uses an easily exchangeable cartridge for greater versatility. Each cartridge consists of 24 pages containing 96 items (keys) and 48 function keys and status lights. A simple page selection command will select a page automatically in less than one second.

"The BC-5000 provides greater efficiency for specialized applications due to the versatility of the keyboard," said Eli Spater, Panasonic Industrial Sales Division National Sales Manager, "The unit is well-suited for order entry, inventory control, billing and a variety of applications which can benefit from the increased productivity obtained when using the unique one-touch keyboard. Each key on the keyboard contains a customized legend which, when depressed, can supply all pertinent information, specified by the user, to the computer. A single keystroke can generate a character, word, line, or page of information.

"For example: depressing a single key corresponding to a specific product may display the product description, part number, unit price, and extend the unit price to display the total price."

Two double-sided, double density floppy disks, each with 1.2 megabits of storage, comprise the file memory in the standard configuration.

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For programming, an assembler language and a newly-developed compiler language, "MUST", are available. Software packages covering various business applications will be available shortly.

An optional high speed dot martrix printer which prints reports at 120 characters per second complements the BC-5000.

When larger storage requirements are needed to enhance a specific application, two additional double-sided, double density floppy disk drives may be added to the system. This addition increases the storage of the BC-5000 to 4.8 million characters. (The equivilent of 480,000 forms.)

The unit's two I/O ports can be used for data transmission, (distributed data processing), or to connect cardreaders, OCR wands and other input and output devices.

Characteristics attached.

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CHARACTERISTICS:

CENTRAL PROCESSING UNIT

Processor	High speed microprocessor
Main memory	RAM 48 KB ( +16 KB Optional) ROM 2 KB

CHARACTER DISPLAY

Screen size	12 inches
Number of characters	Alphanumeric 80 characters x 20 lines
Functions	Screen formatting Error message Editing by cursor control

INPUT DEVICE

Keys	Ten-key Function key Cursor control key
High speed keymat	One-touch codeless input 96 items/page Page selection <1 second Cartridge exchangeable

FLOPPY DISK DRIVE

Storage capacity	1.2 MB/drive
Number of drives	2 drives standard +2 drives optional

OPTIONAL PRINTER

Type of printing	Dot matrix
Printing speed	120 characters/line (Alphanumeric)
Printing width	136 characters/line

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I/O PORTS (TWO)

Interface	RS-232C
Data transmission speed	110~9600 bit/second
Mode	Asynchronous Synchronous

REAL TIME CLOCK

Installed (manual setting)

DIMENSIONS

CRT plus media drive	580(W) x 445(H) x 410(D) 44kg.
Printer	648(W) x 253(H) x 463(D) 34kg.
High speed keymat	645(W) x 123(H) x 370(D) 14kg.

ENVIRONMENT

Power supply	AC 100V $\pm 10\%$ 50/60 Hz
Power consumption	$\leq 600$ VA (standard configuration)
Temperature	5°C ~ 35°C (on operation)
Humidity	30 ~ 80% RM

SUPPORTING SOFTWARE

Operating system	Monitor I Monitor II
Programming language	Assembler "MUST" (complier)



**Panasonic**

Model BC-5000